ABSTRACT

A data look-ahead control is provided to realize a high cache hit rate and improves responsiveness in an information processing system. In the data look-ahead

5   control, when it is determined that the current input/output request is an access to a specific database that was the subject of a recent input/output request and whose I/O count exceeds a predetermined value, and it is also determined that a cache memory can be occupied to some extent and that there would be no impact on other input/output requests, data including one or

10   more blocks (logical tracks) larger than a block that is the subject of the current I/O request are loaded to the cache memory.

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